

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number
WO 2004/000037 A1

(51) International Patent Classification⁷: **A23K 1/16** (74) Agent: BERGGREN OY AB, P.O. BOX 16, FIN-00101 Helsinki (FI).

(21) International Application Number:
PCT/FI2003/000504

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 19 June 2003 (19.06.2003)

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: Finnish

(26) Publication Language: English

(30) Priority Data:
20021234 24 June 2002 (24.06.2002) FI

(71) Applicant (for all designated States except US): KEMIRA CHEMICALS OY [FI/FI]; P.O. Box 330, FIN-00101 Helsinki (FI).

(72) Inventors; and

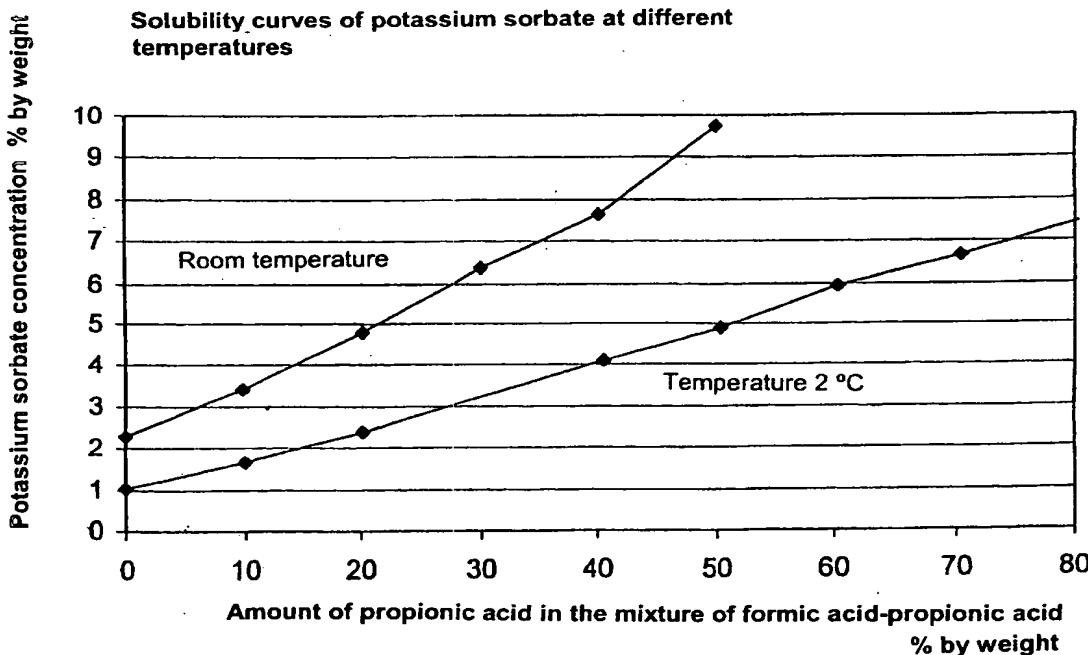
(75) Inventors/Applicants (for US only): MIETTINEN, Harri [FI/FI]; Wiikintie 4 A 3, FIN-02400 Kirkkumumi (FI). LÖFGREN, Timo [FI/FI]; Hannikka 32 A, FIN-02360 Espoo (FI).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GROWTH PROMOTOR



(57) Abstract: The invention relates to an animal growth promoting composition. The liquid solution comprises 1.1 to 5 % by weight of sorbic acid or a sorbate calculated as sorbic acid, 45 to 93.9 % by weight of formic acid and 5 to 50 % by weight of propionic acid. The invention also relates to a method for preparing the composition and to its use.

WO 2004/000037 A1